

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Li Zhang  
Serial No.: 09/446,471  
Related Int'l Appln. No.: PCT/US98/12823  
Int'l Filing Date: June 19, 1998  
Priority Date: June 20, 1997  
Title: FLUID PURIFICATION DEVICES AND METHODS  
EMPLOYING DEIONIZATION FOLLOWED BY  
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Docket Number: 56246-198 (IOLL-281)

526 Rec'd PCT/PTO 24 MAR 2000  
09/446471

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MAR 24 2000  
PATENT & TRADEMARK OFFICE

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(1))

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on the date indicated below.

Date: 3/21/2000

*Roberta L. Hahn*  
Roberta L. Hahn

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

LETTER OF TRANSMITTAL

The following documents are enclosed herewith for filing in the above application:

1. Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US);
2. Executed Declaration and Power of Attorney for Patent Application; and
3. Acknowledgement postcard.

No fees are due with this submission. However, the Commissioner is authorized to charge any deficiencies to Deposit Account 50-1133 with respect to this submission.

Respectfully submitted,

McDERMOTT, WILL & EMERY

DATE: 3/21/00

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## UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: ASSISTANT ATTORNEY GENERAL FOR PATENTS

Box PCT  
Washington, D.C. 20531

09/446471

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY DOCKET NO.
09/446,471	ZHANG	L IOLL-281
INTERNATIONAL APPLICATION NO.		
PCT/US98/12823		
I.A. FILING DATE		PRIORITY DATE
06/19/98		06/20/97

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5071  
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FEB 28 2000

DATE MAILED 02/24/00

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark

Office as ☐ a Designated Office (37 CFR 1.494),☒ an Elected Office (37 CFR 1.495):☒ U.S. Basic National Fee.☒ Copy of the international application in:☐ a non-English language.☒ English.☐ Translation of the international application into English.☐ Oath or Declaration of inventors(s) for DO/EO/US.☐ Copy of Article 19 amendments.☐ Translation of Article 19 amendments into English.☒ The International Preliminary Examination Report in English and its Annexes, if any.☐ Translation of Annexes to the International Preliminary Examination Report into English.☒ Preliminary amendment(s) filed 20 Dec. 1999 and☒ Information Disclosure Statement(s) filed 20 Dec. 1999 and☐ Assignment document.☐ Power of Attorney and/or Change of Address.☐ Substitute specification filed☐ Statement Claiming Small Entity Status.☐ Priority Document.☒ Copy of the International Search Report ☒ and copies of the references cited therein.☐ Other:2. The following items *M* must be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).3. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☒ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes MUST be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.

5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

**A copy of this notice MUST be returned with this response.**

Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation

☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

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